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(54) Title: NITROSATED AND NITROSYLATED CARDIOVASCULAR COMPOUNDS, COMPOSITIONS AND METHODS OF USE

(57) Abstract: The invention describes novel nitrosated and/or nitrosylated cardiovascular compounds or pharmaceutically acceptable salts thereof, and novel compositions comprising at least one nitrosated and/or nitrosylated cardiovascular compound, and, optionally, at least one nitric oxide donor and/or at least one therapeutic agent. The invention also provides novel compositions and kits comprising at least one cardiovascular compound of the invention, that is optionally nitrosated and/or nitrosylated, and, optionally, at least one nitric oxide donor compound and/or at least one therapeutic agent. The invention also provides methods for (a) treating cardiovascular diseases; (b) treating renovascular diseases; (c) treating diabetes; (d) treating diseases resulting from oxidative stress; (e) treating endothelial dysfunctions; (f) treating diseases caused by endothelial dysfunctions; (g) treating cirrhosis; (h) treating pre-eclampsia; (j) treating osteoporosis; and (k) treating nephropathy. The nitrosated and/or nitrosylated cardiovascular compounds are preferably nitrosated and/or nitrosylated P-adrenergic antagonists, nitrosated and/or nitrosylated angiotensin converting enzyme (ACE) inhibitors, nitrosated and/or nitrosylated anti-hyperlipidemic compounds, and nitrosated and/or nitrosylated antithrombotic and vasodilator compounds.